

Claims

1. A composition of matter which consists of an anionic and a cationic starch wherein at least one of the starches is waxy starch.
2. A composition of matter according to claim 1 consisting of an anionic and a cationic starch having an anionic demand (PCD) of lower than $200\mu\text{eq/l}$.
3. A composition according to claim 1 wherein the anionic starch is oxidised waxy starch modified with maleic or succinic anhydride.
4. A composition of matter according to claim 1 wherein the ratio of anionic to cationic starch is between 1 : 10 and 10 : 1 (w/w).
5. A method for producing paper or board comprising the step of
 - a) cooking a composition consisting of an anionic and a cationic starch and wherein at least one of the starches is a waxy starch,
 - b) adding the cooked composition of the previous step to the wet-end of the paper production process and
 - c) drying the paper or board.
6. A method according to claim 5 wherein in the composition of step a) the ratio of anionic to cationic starch is between 1 : 10 and 10 : 1 (w/w).
7. Paper or board comprising a composition according to any one of claims 1 to 4 in an amount of between 1 and 10 % (w/w), preferably between 2 and 8 % and more preferably between 4 and 6 %.

8. A process for preparing paper or board wherein the use of the size press is replaced by the addition of a composition as claimed in any one of claims 1 to 4.